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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/673,810	09/29/2003	Andrew John Farnsworth	1578.619(PUS-1155)	2209
54120 7590 06/17/2009 RESEARCH IN MOTION ATTN: GLENDA WOLFE BUILDING 6, BRAZOS EAST, SUITE 100 5000 RIVERSIDE DRIVE IRVING, TX 75039				
EXAMINER VU, MICHAEL T				
ART UNIT 2617		PAPER NUMBER		
NOTIFICATION DATE 06/17/2009		DELIVERY MODE ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

portfolioprossecution@rim.com

Office Action Summary

Application No.

10/673,810

Applicant(s)

FARNSWORTH, ANDREW JOHN

Examiner

MICHAEL T. VU

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 April 2009.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 2, 4, 8, 9, 11 and 16-18 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-2, 4, 8-9, 11, and 16-18 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB-08)
Paper No(s)/Mail Date _____
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 4/17/2009 has been entered.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 1-2, 4, 8-9, 11, and 16-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rune (US 2002/0115460) in view of Sarkinen (US 2003/0119533), and further in view of Sharma (see Provisional Application No. 60/486,584), or Pub. No.: US 2005/0009527.**

Regarding claims 1, 8, and 16, Rune teaches a method of processing messages received by user equipment from a network (Figure #1, User Equipment #30), the method comprising: receiving a message at the User Equipment that indicates that the User Equipment should move into a dedicated channel state (DCH, [0012-0013, 0021, 0067-0068]), wherein the message **is one of** the following: a Cell Update Confirm message **or** a Universal Mobile Telecommunication System Terrestrial Access Network Registration Area ([0006, 0021] , UMTS), Update Confirm message **or** a Radio Resource Control Connection setup message [0006, 0021, 0055-0056]; and wherein when the message includes a new cell identifier [0004-0008], not storing the User Equipment any record of the cell identifier included in the message (inherently, no stored is no data, [0023-0027, 0036-0038, 0063-0069]); and

But Rune does not clearly teach optionally sending a response message receivable by the network, after the UE is cleared of any record of a cell identifier.

However, Sarkkinen teaches an optionally sending a response message receivable by the network (Figures 1-4, [0005-0009]), after the UE is cleared of any record of a cell identifier [0034, 0041-0042, 0077].

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Rune, with Sarkkinen's teaching, in order to keep track of user equipment locations for multicast services including update message when the user equipment detects a multicast and allowing the Radio Network Controller to keep a record of the location of the device for managing the radio resources etc.

But Rune and Sarkkinen do not explicitly teach in response to the message, clearing from the device any record of a cell identifier before moving to the dedicated channel state.

However, Sharma teaches in response to the message (See page 3 line 1-10), clearing from the device any record of a cell identifier before moving to the dedicated channel state (See pages 2-3), and (page 6 line 20 to page 8 line 11).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Rune and Sarkkinen's, with Sharma's system, in order to provide a transition state or transition channel to implement the transitioning for controlling the radio resources in various states such as a temporary identifier, and providing the efficiently managing of the paging channel in the wireless communication networks e.g., UMTS network that controlling the allocating resources to the user equipment etc.

Regarding claims 2, 9, and 17, Rune, Sarkkinen, and Sharma teach the method according to claim 1, wherein the dedicated channel is a Cell_DCH channel [0047-0052, 0055-0063] of Sarkkinen.

Regarding claims 4, 11, and 18, Rune, Sarkkinen, and Sharma teach the method according to claim 1, wherein the cell identifier is a Cell Radio Network Temporary Identifier (See page 2 line 10 to page 3 line 22) of Sharma.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL T. VU whose telephone number is (571)272-8131. The examiner can normally be reached on 8:00am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles N. Appiah can be reached on 571-272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MICHAEL T VU/
Examiner, Art Unit 2617

/Charles N. Appiah/
Supervisory Patent Examiner, Art Unit 2617

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